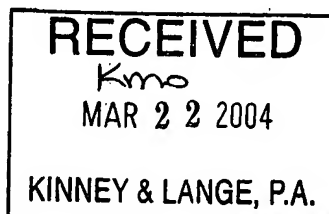


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/715,695	11/18/2003	2652	824	169.12-0595	9	23	3

00164
 KINNEY & LANGE, P.A.
 THE KINNEY & LANGE BUILDING
 312 SOUTH THIRD STREET
 MINNEAPOLIS, MN 55415-1002



CONFIRMATION NO. 5382

CORRECTED FILING RECEIPT



OC000000012143581

Date Mailed: 03/19/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Sining Mao, Savage, MN;
 Eric S. Linville, Chanhassen, MN;
 Nurul Amin, Woodbury, MN;
 Johannes Van Ek, Minnetonka, MN;
 Olle G. Heinonen, Eden Prairie, MN;

Assignment For Published Patent Application

Seagate Technology LLC, Scotts Valley, CA;

Domestic Priority data as claimed by applicant**Foreign Applications**

If Required, Foreign Filing License Granted: 02/13/2004

Projected Publication Date: 05/19/2005

Non-Publication Request: No

Early Publication Request: No

17/25

Title

Differential CPP reader for perpendicular magnetic recording ✓

Preliminary Class

360

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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ms



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Sining Mao

Appln. No. : 10/715,695

Filed : November 18, 2003

Title : DIFFERENTIAL CPP READER FOR
PERPENDICULAR MAGNETIC
RECORDING

Docket No. : I69.12-0595

Group Art Unit: 2652

Examiner:

EXPRESS MAIL COVER SHEET

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL

Express Mail No.: EV 302265896 US

Sir:

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and Trademark Office on the date shown below:

1. Preliminary Amendment (6 pages) (in duplicate)
2. Request for Corrected Official Filing Receipt (2 pages) (in duplicate)
3. Copy of Official Filing Receipt (3 pages)
4. Postcard

Respectfully submitted,

KINNEY & LANGE, P.A.

Date: 3/25/04

By 

David R. Fairbairn, Reg. No. 26,047

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312 South Third Street

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DRF:PGK:ks



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Sining Mao et al.

Appln. No. : 10/715,695

Filed : November 18, 2003

Title : DIFFERENTIAL CPP READER FOR
PERPENDICULAR MAGNETIC
RECORDING

Group Art Unit: 2652

Examiner:

Docket No. : I69.12-0595

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Commissioner for Patents
Office of Initial Patent Examination
P.O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL,
FIRST CLASS, TO THE COMMISSIONER FOR PATENTS,
ALEXANDRIA, VA 22313, THIS 25 DAY OF

March, 2004.


PATENT ATTORNEY

Sir:

Attached is a copy of the Official Filing Receipt received from the Patent and Trademark Office in the above-identified application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in that the following data is incorrectly entered:

Attorney Docket Number: 169.12-0595

Total Claims: 23

The filing receipt should read as follows:

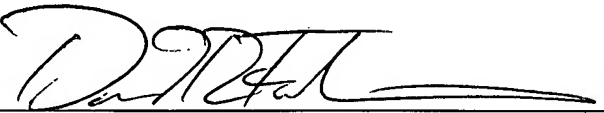
Attorney Docket Number: I69.12-0595

Total Claims: 22

The Commissioner is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 11-0982. A duplicate copy of this communication is enclosed.

Respectfully submitted,

KINNEY & LANGE, P.A.

By: 

David R. Fairbairn, Reg. No. 26,047

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APPLICATION NUMBER	FILING OR 371(c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/715,695	11/18/2003	Sining Mao	169.12-0595

CONFIRMATION NO. 5382



OC000000012143595

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 312 SOUTH THIRD STREET
 MINNEAPOLIS, MN 55415-1002

Date Mailed: 03/19/2004

RESPONSE TO REQUEST FOR CORRECTED FILING RECEIPT

Claims, Fees, and Inventors

In response to your request for a corrected Filing Receipt, the Office is unable to comply with the request because:

- ☐ The total number of claims appearing on the Filing Receipt does not include multiple dependent claims. The total fee appearing on the Filing Receipt includes the cost of multiple dependent claims that were present at the time the application was filed.
- ☐ The filing fee is correct. It may include additional claims fees and/or the surcharge under 37 CFR 1.16 (e) for filing an oath/declaration or basic filing fee after the application filing date; or it may not reflect fees refunded to the applicant that were paid by mistake.
- ☒ The number of claims reflected on the filing receipt is correct. Upon review of the claims, it was found that there was a miscalculation by the applicant. This may be due to improperly presented multiple dependent claims, typographical error, misnumbering of the claims, or other oversight. An amendment may be necessary to correct the problem.
- ☐ The filing fee reflected on the filing receipt is correct. Applicant may have miscalculated the fees due.
- ☐ Applicant calculated fees as other than small entity; however, applicant asserted small entity status in the application. Therefore, fees were applied as small entity and the remainder was refunded to the applicant.
- ☐ The difference between the fees paid and the fees due was refunded to the applicant and will not be shown on the filing receipt.
- ☐ The inventor information may be truncated if the family name consists of more than 50 characters (letters and spaces combined) and if the given name consists of more than 50 characters (letters and